

# MAGNETIC STORM SUDDEN COMMENCEMENTS AND SOLAR FLARE EFFECTS (PRELIMINARY REPORT ON RAPID MAGNETIC VARIATIONS)

August 2001

Storm Sudden Commencements (SSC)			Solar Flare Effects (sfe)		
Day	Time	Quality: Station Group*	Day	Begin-End	Station(s)
03	0716	A: SOD* CLF* COI BJI* HYB	02	1510-1520	NGK+
		B: NUR* NGK* VAL* HRB EBR* SPT* HER*	03	0305-0315	MMB+KAK+HTY+KNY+
		C: BDV* GCK GNA CNB	05	0338-0355	MMB+ KAK+ KNY+
12	1135	A: NGK* CLF* HRB NAG* EBR* COI BJI	19	1847-1855	NGK+
		SPT* HTY* GUI HYB	25	1544-1551	NGK
		B: NUR* VAL* BDV* GCK* HER*	29	0512-0535	MMB+ KAK+ KNY+
17	1103	C: SOD* CNB			
		A: CLF* HRB NAG* MMB* COI BJI SPT*			
		KAK* KNY* GUI			
27	1952	B: SOD* NUR* NGK* VAL* BDV* GCK* EBR*			
		HTY* HYB HER			
		C: GNA CNB			
30	1411	A: NGK* VAL CLF* NAG* EBR COI BJI SPT* GUI HYB			
		B: BDV* HRB HTY* HER			
		C: SOD* GCK* GNA CNB			
		B: NGK* CLF COI			
		C: BDV* SPT* HYB			
		si: VAL			

## REPORTING OBSERVATORIES (up to the 4<sup>th</sup> of October 2001):

SOD NUR NGK VAL BDV CLF HRB NAG GCK MMB EBR COI BJI SPT KAK HTY KNY GUI HYB GNA HER CNB

Three-letter codes identify each observatory. Reporting stations have been grouped by the character of the observed event. The letter A means very remarkable; B means fair, but unmistakable; C means very poor, doubtful; and - means no quality figure given. The \* means that the SSC, at least in one component, was preceded by a small reversed impulse. SSCs are given only when five or more stations report the event. SFEs include all reports. If an SFE is confirmed by solar or ionospheric events, the name of the station is identified with a plus sign (+).